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GROUP 1 Excluded from automatic downgrading and declassification

TOP SEGNET

Declass Review by NIMA/DOD

NRO review(s) completed

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	5. (During Month of April). The device is
	being operationally used in PHD on a trial basis. The use is being limited to paper prints of non-system imagery which are difficult to
	nandie on the Comparators. Initial results are encouraging. The
	Electromagnetic tests are completed and show accuracy not effected by background
; , , ,	but villosted by buckground
	6. On 3-4 May presentations of the CRT Study and the
ı.	Image Storage Study were given. These presentations complete the for-
e.	mal work under these contracts except for submission and approval of the final report.
	7. Color Technology Support Five work order
: :	proposals have been received and approved. The preliminary evaluation of the new, high resolution transparency material showed that
	this material has a very real potential as a substitute for the presently
en e	used color reproduction materials.
	8. Unconventional Film Evaluation
	visited RB to discuss best results of Dry Diazo and Daylight Dry
	Silver Visited RB and released additional information
	on a new heat-processed high resolution duplicating film to be marketed The film is expected to be available for demonstration in July of this year.
	9. Photoscience Support Two work
	orders were authorized one for a Survey of Liquid Crystal Technology
:	the other for a Printing Ink Evaluation. A proposal was received for an Evaluation of Noble-Metal Treatments for Controlling Photographic
	Contrast. It is in evaluation.
•	10 Scomming Electron W
	10. Scanning Electron Microscopy under our current contract permitting to begin an exploratory evalua-
	tion of SEM as a tool for "reading out" surface relief images. Completion is scheduled for 30 June 1972.
:	11. The Color Control Cell, with the exception of extra air con-
	ditioning, was completed. It is located on the second floor of the APSD
.*	area. A program of PI color testing, using the cell, will begin shortly.
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25X1		14. The PI Scan & Search Station arrived on 25 April. This instrument will be installed in the TSG/ESD test facility on the first floor of NPIC. Preacceptance tests will take place the first week of May, with TSG/ESD, TSG/RED/DB, and the contractor taking part. Further tests have been scheduled by TSG/ESD through January 1973.	() () ()
25X1		15. Continuation of the programmed Stereo Scanning Utility Study was disapproved; cost estimates for cataloging completed test materials and summarizing project status have been requested of the contractor.	
25X1 25X1 25X1		16. The DIA version of the Light Table has failed to pass acceptance tests at NPIC. The contracting officer has informed of the deficiencies in the table and given until 1 May to respond with an approach to correcting the problem.	
25X1 25X1	: :	17. High Intensity Tracking Light Source (HILS). The final design review for the HILS took place at the week of 24 April. The HILS is expected to be ready for preacceptance tests at during the latter part of May.	25X1
25X1		18. The modification package for the stereocomparator was completed on 18 April. The modifications included: fabrication and installation of new reticles, a headrest, a card punch coupler, a new joystick control system, and a stage decoupling switch for the joystick.	
		19. The semi-annual review of contractor clearances was completed by SIS during April.	
	· · · · · · · · · · · · · · · · · · ·	20. RED input to FY-72 Third Quarter Budget Review and the FY-73/74 Office Estimates (non R&D budget) were completed.	•
25X1 25X1 25X1		21. Symposium An invitation from ORD has been accepted to present an overview of the Imagery Interpretation Research Program to the Symposium, 8-9 May. The Symposium is designed to provide Agency management with a summary of the types of human factors R&D support available under contract and within Agency components.	
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25X1	i de la companya de l	22. Implementation of FY-71 IIRP Results RED management	
25X1		personnel completed and submitted to C/TSG the last items in an Implementation Plan for the FY-71 program. After coordinating the results with IEG, a report will be prepared for the Executive Director, NPIC.	
25X1		23. Image Comparison Microscope Evaluation On 7 April	
25X1		presented the results of the human factors and operational suitability evaluations of the ICM. Copies of the final report were distributed within the Center. Additional copies are available from RED/SIS.	
25X1			
25X1		demonstrated a prototype instrument developed under the IIRP which measures the observer's visual focus as he views through a microscope. The instrument appears to be a replacement for another instrument currently in use, but which is difficult for the technicians to employ.	
25X1 25X1		25. Search and Scan PI Station Support RED/SIS, IEG and ESD met 6 April to develop training requirements in support of evaluation of the PI Station.	
25X1		26. Meetings, Briefings, etc.: a. On 20 and 26 April presented the EOI Simulation Game to representatives from APSD and IEG.	
25X1		b. On 20 April presented the results of a recent B/W and Color stereo acuity testing program to those IEG/PHD personnel who served as observers. For the record, the average test scores for PHD were significantly higher than those for any other group of Center or non-Center personnel who have been administered the tests.	
		c. <u>Vision Testing Research Program</u> . The Center is in the process of assisting TOPOCOM to develop a Vision Testing Research Program similar to the one conducted at NPIC.	-
25X1		d. Contact Lens and Impact Resistant Lens Evaluations. Messrs. met with representatives from the Office of Medical Services on 18 April to discuss the Center's programs to evaluate impact resistant and contact lenses. OMS will provide professional and technical support to these efforts, as appropriate.	
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-0/1		b. Dry Color Development	25X1
25X1 25X1	en e	a. Interactive Stereoviewer b. Dry Color Development	
25X1	i Maria	28. Proposals Approved & Received:	
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	1	in his organization. 27. Training.	··
25X1		j. has been complimented by two groups from DDS&T on RADCISthe R&D Contract Information System developed for NPIC. The Director of ELINT states that he plans to implement this system	
25X1		ter was transferred to U.S. Geological Survey and the Data Block Reader to U.S. Army TOPOCOM.	
25X1		i. made arrangements to transfer two surplus pieces of equipment to other Government agencies. The Plot	; -
25X1		h. briefed General Penney, Chief of Defense Mappi Agency, on the High Precision Stereo Comparator.	ing
25X1		g. ttended the Optical Society of America meeting in New York on 11-13 April.	
DEV4		present municipal sewer plants and commercial companies must show definite progress in pollution control by 1976, with a zero level of contamination required by 1981.	
25X1		f. attended the AMA meeting on Water and Air Poll tion in Chicago, 17-19 April with the C/LB/SS. The meeting was verinformative and pointed out that the EPA is cracking down and all	
25X1		RED/SIS, have initiated plans to assess the influence of varying types and amounts of stereo asymmetry upon photointerpretation.	
25X1		e. Symmetrical/Asymmetrical Stereo Evaluation.]
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(1	c. 40-Inch Processor Modification
(1	d. Vibration Dampening of Light Table
< 1	e. Advanced Photometer
X1	f. Eyeshades for Zoom
	g. Modification to
X1 X1	
~ I	h. An proposal for a follow-on contract was received and is under review.
X1	i. has proposed to conduct research on film grain
	noise. A PAR has been initiated.
X1	j as proposed to conduct
	systems analyses on DIM hardware and software.
X1	hronosod to continue consult
	TOLODOSEG LO CONCINCE CONSTITA
	ing services in FY-73. This proposal has been forwarded to RED/SIS.
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X1	ing services in FY-73. This proposal has been forwarded to RED/SIS.
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